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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/587,774
	Filing Date	07/28/2006
	First Named Inventor	Heungsik Park
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	35	Attorney Docket Number 2230.01

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Substitution for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known Application Number 10/587,774 Filing Date 07/28/2006 First Named Inventor Heungsik Park Art Unit Examiner Name Attorney Docket Number 2230.01	
Sheet	1	of	1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/587.774
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Filing Date	07/28/2006
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First Named Inventor	Heungsik Park
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Art Unit

Examiner Name _____

Attorney Docket Number	2230.01
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code ² *Number ⁴ *Kind Code ³ (if known)				
		JP63-186654	08-02-1988	Sakurai Masatoshi et al.		✓
		JP2003-116969	04-22-2003	Purogurekkusu KK		✓
		JP58-193934	12-23-1983	Noguchi Katsuhiko		✓
		JP63-166238	10-28-1988	Shigeno Akio		✓
		KR1019960010742	08-08-1996	Andow Mitzmi		✓

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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(51) Classification: A61L2/10

(21,22) Application number & Date : JP62-17835 19870127

(54) Title : ULTRAVIOLET DISINFECTING DEVICE OF DENTAL
DRILLING INSTRUMENT

Claims:

(1) An ultraviolet disinfecting device for use in a dental drilling
instrument, comprising:

a body;

a support tube formed of transparent quartz glass for fittingly
supporting the dental drilling instrument disposed in the body;

a plurality of ultraviolet disinfecting lamps disposed at the outer
circumference of the support tube;

a reflecting plate disposed at the inner surface of the body
accommodating the support tube formed of transparent quartz glass,
for diffusely reflecting an ultraviolet ray irradiated from the
ultraviolet disinfecting lamp; and

an opening and closing means like a shutter of a camera installed at

the front side of the body conforming to the opening end of the support tube formed of transparent quartz glass.

(2) The ultraviolet disinfecting device according to claim 1, wherein the opening and closing device is controlled by a switch disposed on a lighting control circuit of the ultraviolet lamp by turning it on and off.

(3) The ultraviolet disinfecting device according to claim 1, wherein the ultraviolet disinfecting Lamp is lighted up by an OK lamp switch disposed at the front side of the body .